



Green Card Bowie-Dick Test Indicator Card air elimination tests

GREENCARD
BOWIE-DICK TEST INDICATOR CARD



functionality

The Green Card is designed for daily monitoring of pre-vacuum sub-atmospheric and trans-atmospheric steam sterilizers operating at 134°C/273°F to detect the presence of residual air. Residual air can defeat pre-vacuum steam sterilization.

features : pre-vacuum test

steam sterilization

components

The Green Card Bowie-Dick Test Indicator Card product includes :

Qty	Description	Code
30 tests/packet 4 packets/box	Green Card Bowie-Dick Test Indicator Cards	BD117
1 31	Green Card Bowie-Dick Test Starter Pack - Includes Anodised Metal Holder Green Card Bowie-Dick Test Indicator Cards	BD118

storage

Store the Green Card at normal room temperature 10-38°C (50-100°F), 10-60% relative humidity. The product shelf life is 3 years.

implementation

The Green Card Bowie-Dick Test is conducted each day in an empty sterilizer prior to processing any loads. In a best practice environment the interpretation of the Green Card Bowie Dick Test would be recorded as part of an integrated and approved QA system procedure specific to that user environment.

summary

Green Card Bowie-Dick Test

- Compliant with guidelines set out in the European Norm EN 867-4, Annex D, E, F and K. AS/NZ 4187
- Lead Free
- Easy interpretation
- Permanent colour change (no reversion of colour change unlike PH indicators)
- Checks residual air in sub-atmospheric and trans-atmospheric steam sterilizers

quick reference

Green Card Bowie-Dick Test detects:



Another quality product selected and stocked by:

WM Bamford & Co Ltd p 0800-BAMFORD f 04-569-6489
e enquiries@bamford.co.nz www.bamford.co.nz

When performance counts





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Bowie-Dick test

interpretation guide

objective : A sterilizer that is functioning normally should have an indicator with a uniform green colour change throughout the entire pattern

Interpretation:

correct conditions with the sterilizer have been met and no significant residual air is present.

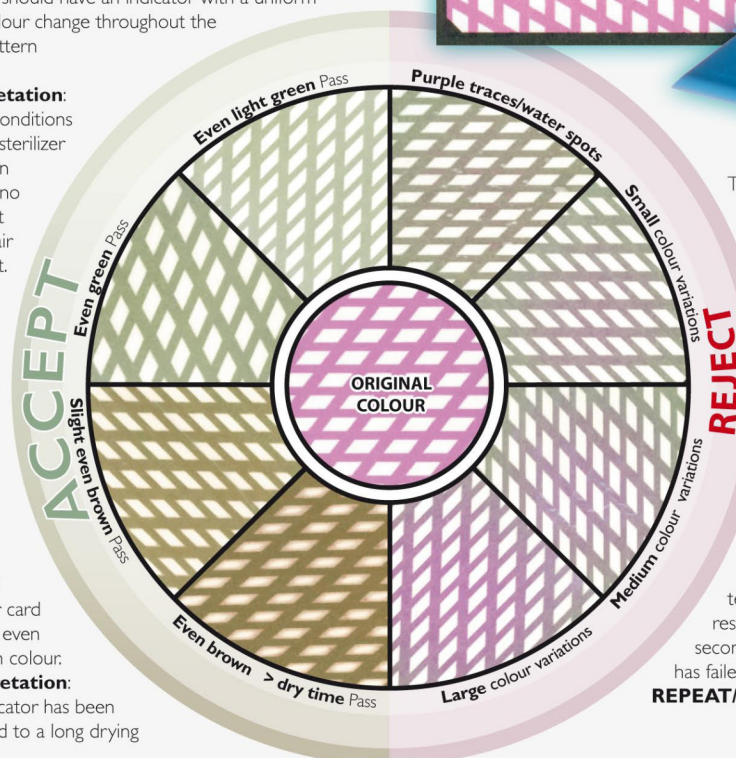
PASS

The chemical indicator card turns an even brown in colour.

Interpretation:

The indicator has been subjected to a long drying phase.

PASS



The chemical indicator card has a purple area variation.

Interpretation:

An amount of residual air is present in the sterilizer. It is recommended that the test be repeated to assure that the sterilizer is warmed-up and no anomalies are present in the single test cycle. If the same result is acquired the second time the sterilizer has failed the test.

REPEAT/FAIL

one-on-one Green Card

Bowie-Dick Test customer support

Austmel Pty Ltd is able to offer one-on-one support during office hours on our toll free phone service. This is a valuable service to healthcare personnel who require immediate technical support to use the Green

Card Bowie-Dick Test. This service is a complete one-on-one person to person level.

background

Austmel Pty Ltd is an Australian owned company established in 1974. Austmel have been directly involved in the supply and development of Sterility Assurance products for over 30 years. Our unique products and systems extend into both the Health Care and Industrials markets, including :

- MEDITRAX® Accountability & Traceability Systems
- Biological and Chemical Sterilization Indicators
- Bowie-Dick Tests
- Sterilization Packaging
- Quality Assurance Consultation
- TMI Electronic Data Loggers
- Surgical Disposables

This product was tested in Germany by Sterila Dienstleistungs GMBH, an independent testing company.

Customer support 0800 226 367



Instructions for use of the Green Card Bowie-Dick Test:

The Bowie & Dick Test is conducted each day in an empty sterilizer prior to processing any loads.

1. The sterilizer should be fully heated to operating temperature before running the Bowie & Dick even if a short "warm-up cycle" is performed before running the test.
2. Insert a Green Card in the Holder with the purple indicator side facing up and the information label facing down.
3. Place the Green Card and Holder on the bottom rack, near the drain.
4. Run a pre-vacuum steam sterilization cycle for 3.5 minutes at 134°C/273°F with a drying phase of less than five minutes. No drying time is also acceptable. **Note:** long drying phases may cause the indicator to turn brownish in colour.

5. Remove the Green Card and Holder from the Sterilizer. **Caution:** The Green Card and Holder may still be hot and should be handled carefully to avoid thermal injury.
6. Examine the indicator immediately upon removal from the sterilizer and record the results. If no significant amount of residual air is present, the indicator will show a uniform green colour change. If the indicator shows any purple colour variations, this indicates the presence of residual air.
7. Date the Green Card on the back, identify the sterilizer and save the card for file records. Report any residual air indications to the department supervisor.

quick reference

Green Card Bowie-Dick Test detects:



related pre-vacuum products :

- Titems Monitors HP
- Titems Diagnostic Emulators
- EZTest Biological Indicators
- Prion Indicators
- Emu-Graph Emulators
- Intergraph Multifunction Integrators

